



PATENT  
Docket No. 252312007300

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents; P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: June 12, 2003

Signature: Aurelia A. Caparas (Aurelia A. Caparas)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

David S. JONES, et al

Serial No.: 09/590,592

Filing Date: June 8, 2000

For: VALENCY PLATFORM MOLECULES  
COMPRISING AMINOXY GROUPS

Examiner: D. Lukton

Group Art Unit: 1653

**SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 AND § 1.98**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

06/24/2003 MGBREM1 00000052 031952 09590592  
01 FC:1806 180.00 DA

pa-796776

Applicants bring to the attention of the Examiner the following relationships:

- WO 87/00056 (previously submitted) is an English language family member of JP 62-503171;
- WO 88/09810 (previously submitted) is an English language family member of JP 3-500530;
- US 5,264,209 is an English language family member of JP 4-218000;
- US 5,298,403 is an English language family member of JP 5-172814; and,
- WO 91/10426 (previously submitted) is an English language family member of JP 5-505520.

This Information Disclosure Statement is submitted:

- ☐ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☒ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - ☐ A fee is required. A check in the amount of is enclosed.
  - ☒ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly; no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of is enclosed.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

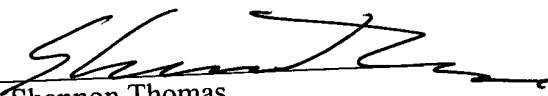
The information contained in this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 252312007300. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: June 12, 2003

Respectfully submitted,

By:



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Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

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Application Number 09/590,592

Applicant

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U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	08/02/2001	2001/0011115	Harris et al.			
	2.	09/13/2001	2001/0021763	Harris			
	3.	10/04/2001	2001/0027212	Bentley et al.			
	4.	10/18/2001	2001/0031873	Greenwald et al.			
	5.	11/29/2001	2001/0046481	Bentley et al.			
	6.	01/17/2002	2002/0006898	Greenwald et al.			
	7.	01/24/2002	2002/0009426	Greenwald et al.			
	8.	01/31/2002	2002/0013266	Bentley et al.			
	9.	02/14/2002	2002/0019340	Bentley et al.			
	10.	02/28/2002	2002/0025321	Shoenfeld et al.			
	11.	03/07/2002	2002/0028912	Yamasaki et al.			
	12.	03/28/2002	2002/0037949	Harris et al.			
	13.	04/04/2002	2002/0040076	Harris et al.			
	14.	05/02/2002	2002/0052443	Greenwald et al.			
	15.	05/02/2002	2002/0052430	Harris et al.			
	16.	05/02/2002	2002/0052009	Hornauer et al.			
	17.	09/05/1989	4,863,713	Goodwin et al.			
	18.	11/23/1993	5,264,209	Mikayama et al.			
	19.	03/29/1994	5,298,403	Danielson et al.			
	20.	12/06/1994	5,370,871	Dintzis et al.			
	21.	03/27/2001	6,207,160	Victoria et al.			
	22.	01/22/2001	6,340,460	Dintzis et al.			
	23.	04/23/2002	6,375,951	Dintzis et al.			

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation	
							YES	NO
	24.	09/30/1991	CA 2,079,109	Canada				
	25.	10/28/1992	EP 0 510 356	Europe				
	26.	02/17/1986	JP 61-033195	Japan			Abstract	
	27.	12/17/1987	JP 62-503171	Japan			See cover sheet	
	28.	02/07/1991	JP 3-500530	Japan			See cover sheet	
	29.	08/07/1992	JP 4-218000	Japan			See cover sheet	
	30.	07/13/1993	JP 5-172814	Japan			See cover sheet	
	31.	08/19/1993	JP 5-505520	Japan			See cover sheet	
	32.	06/07/1987	WO 87/02777	WIPO				
	33.	07/09/1992	WO 92/11029	WIPO				
	34.	08/20/1992	WO 92/13558	WIPO				
	35.	06/24/1993	WO 93/12145	WIPO				
	36.	12/13/2001	WO 01/93914	WIPO				
	37.	04/04/2002	WO 02/27315	WIPO				
	38.	04/04/2002	WO 02/27317	WIPO				
	39.	05/23/2002	WO 02/40058	WIPO				

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	40.	Conrad, M.J. et al. "Conjugates of Stable Polymer and Polynucleotide - Tolerogens for Human Systemic Lupus Erythematosus," Derwents Database record for European Patent No. EP 0 438 259, July 1991.
	41.	Dintzis, R.Z. et al. (July 1985). Inhibition of Anti-DNP Antibody Formation by High Doses of DNP-Polyacrylamide Molecules; Effects of Hapten Density and Hapten Valence," <i>J. Immunol.</i> 135(1):423-427.
	42.	Parker et al. (1974). "Modification of NZB/NZW F <sub>1</sub> Autoimmune Disease by Development of Tolerance to DNA," <i>J. Immunol.</i> 113:292-297.
	43.	Sehon. (1982). "Suppression of IgE Antibody Responses with Tolerogenic Conjugates of Allergens and Haptens," <i>Prog. Allergy</i> 32:161-202.

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